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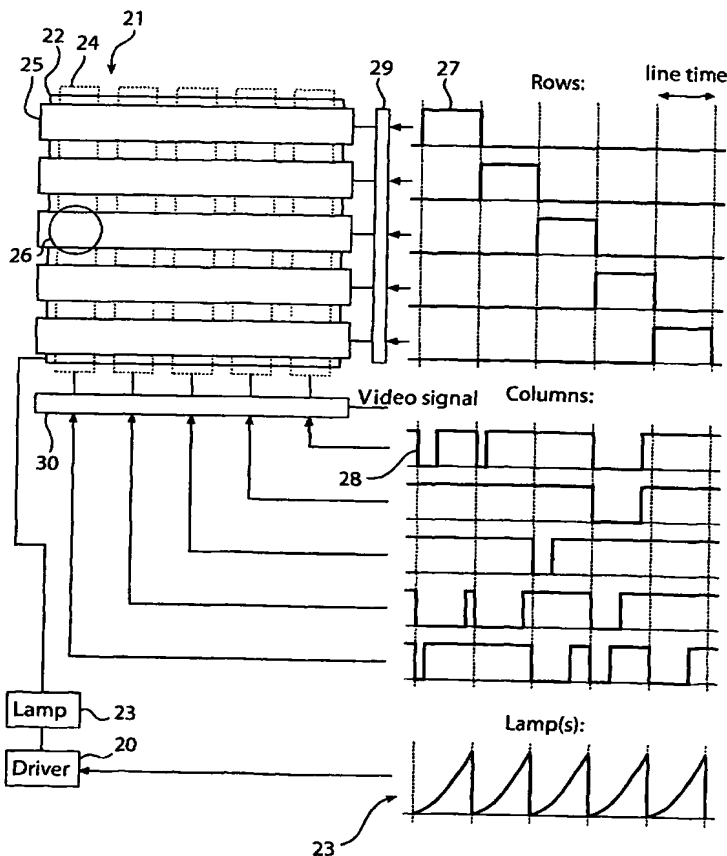
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[Continued on next page]

(54) Title: OPTICAL DISPLAY DRIVING METHOD



(57) Abstract: A display device comprising a plurality of pixels (26), a light source (23), and addressing means (24, 25) for coupling a selected pixel to said light source to thereby emit light, wherein the addressing means (24, 25) are arranged to address each pixel using pulse-width modulation (PWM). Further, the display comprises means (20) for amplitude modulating the intensity of said light source (23). The combination of the two modulations generates an exponentially distributed emitted light intensity, enabling proper gray scale rendering for a limited resolution in the time domain.



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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

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## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages                                | Relevant to claim No. |
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| X          | WO 02/056288 A (TAKAHASHI MASATOSHI ; FURUKI ICHIRO (JP); ITO HIROSHI (JP); SATO TSUNE) 18 July 2002 (2002-07-18) | 1-4,7-12              |
| Y          | figures 1,10  | 5,6                   |
| E          | -& US 2004/041781 A1 (TAKAHASHI MASATOSHI ET AL) 4 March 2004 (2004-03-04)  | 1,7                   |
|            | paragraphs '0095!', '0100!' - '0102!', '0107!' - '0109!', '0129!' - '0133!'                                       |                       |
| X          | US 6 232 963 B1 (BURTON MARK L ET AL) 15 May 2001 (2001-05-15)  | 1,3,4,7, 11           |
|            | column 5, line 14 - column 6, line 13; figure 3   |                       |
| Y          | US 5 311 206 A (NELSON TERENCE J) 10 May 1994 (1994-05-10)  | 5,6                   |
|            | abstract column 9, line 36 - column 11, line 23; figures 6-8  |                       |

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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